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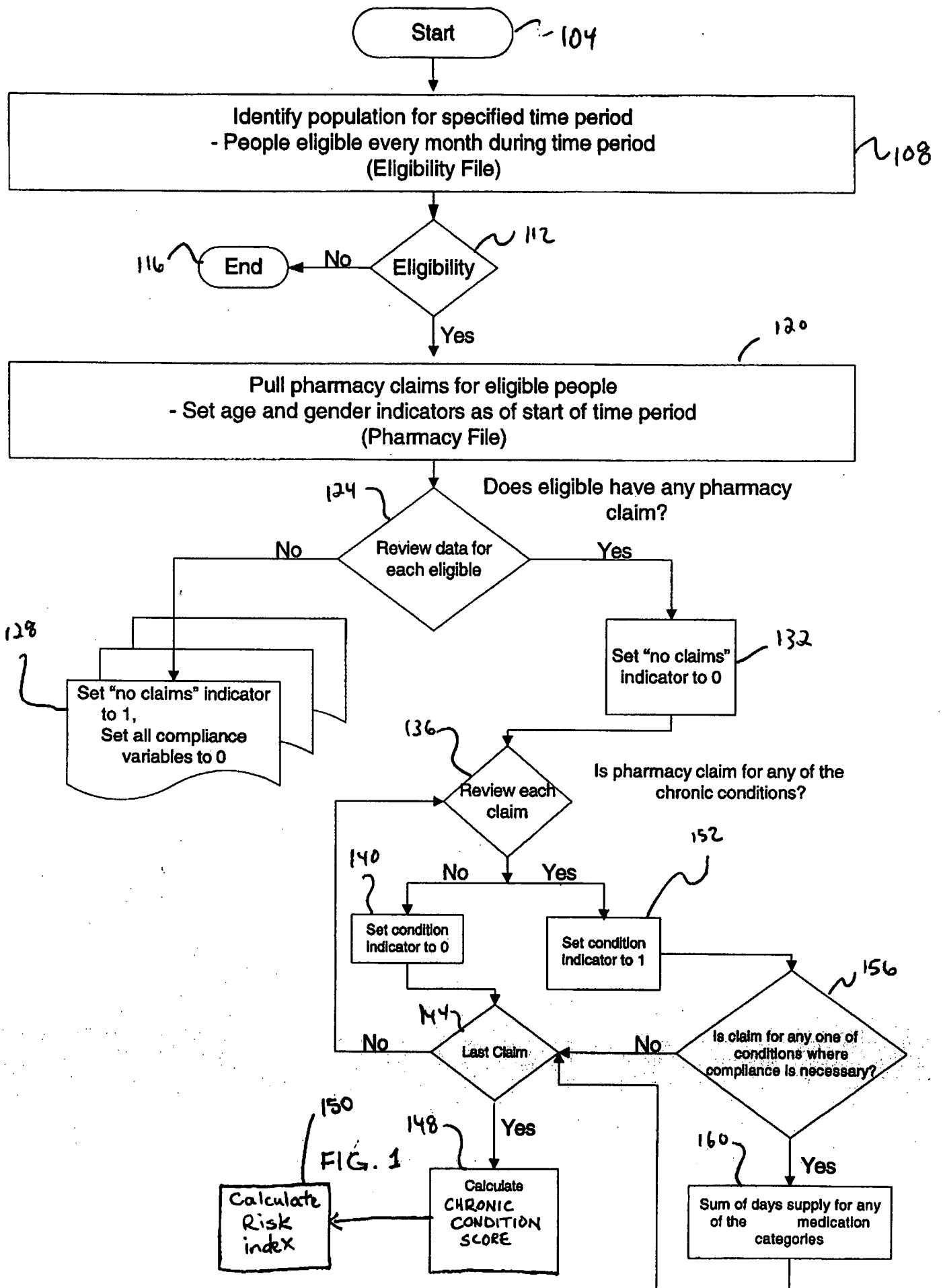
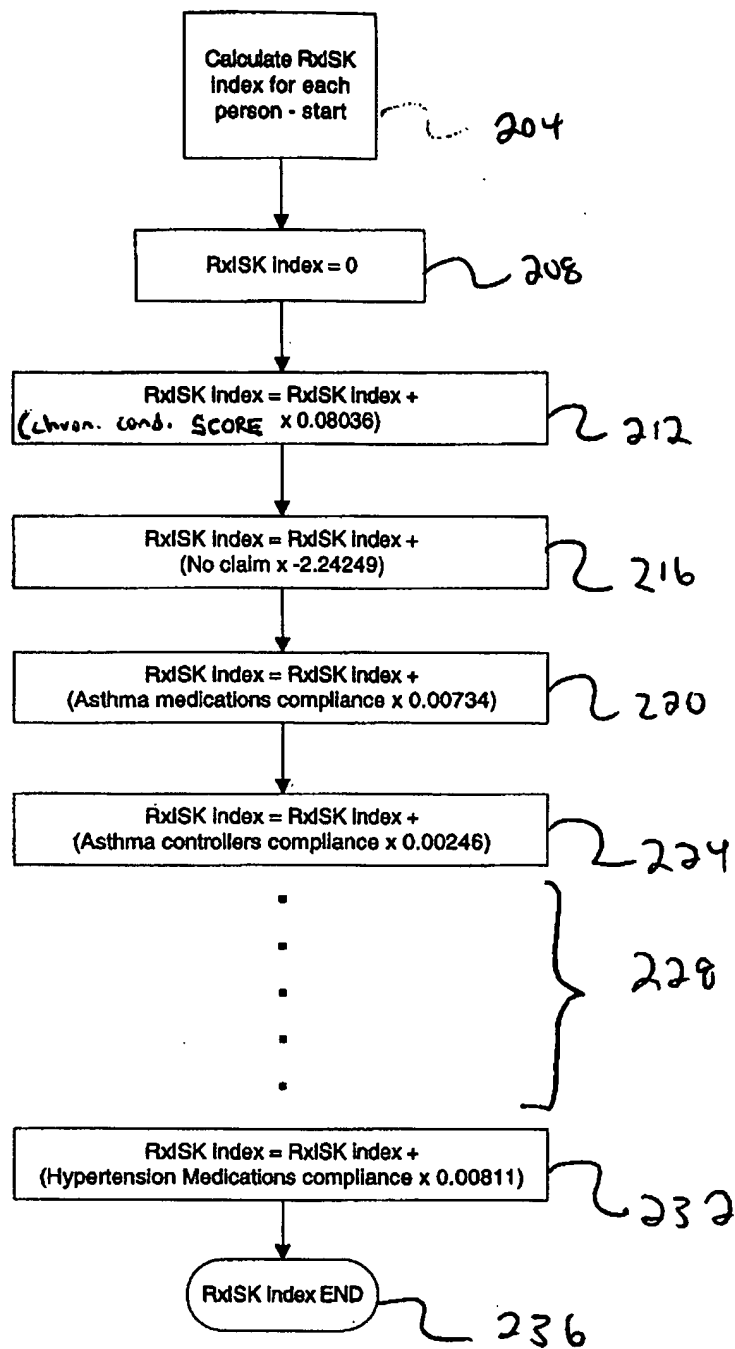
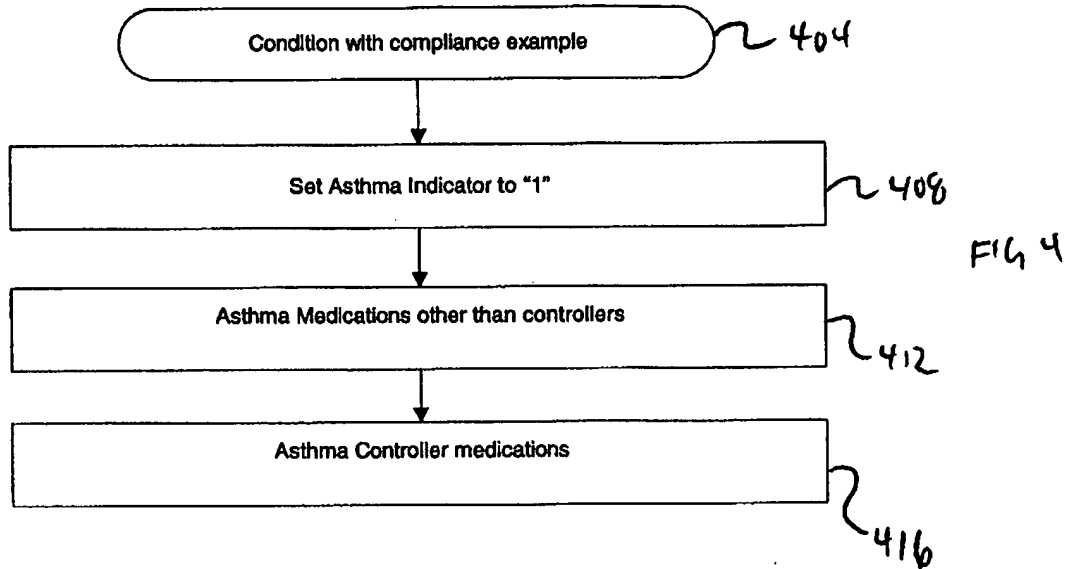
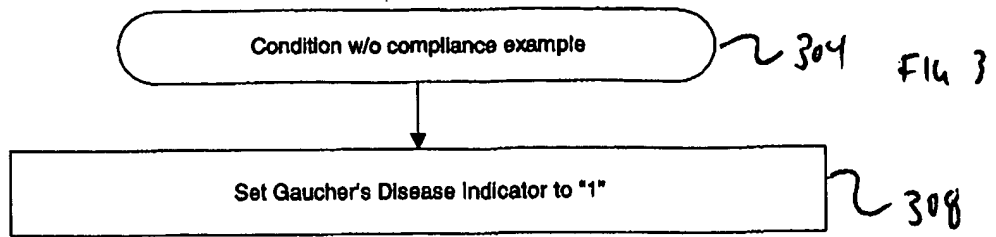


FIG 2





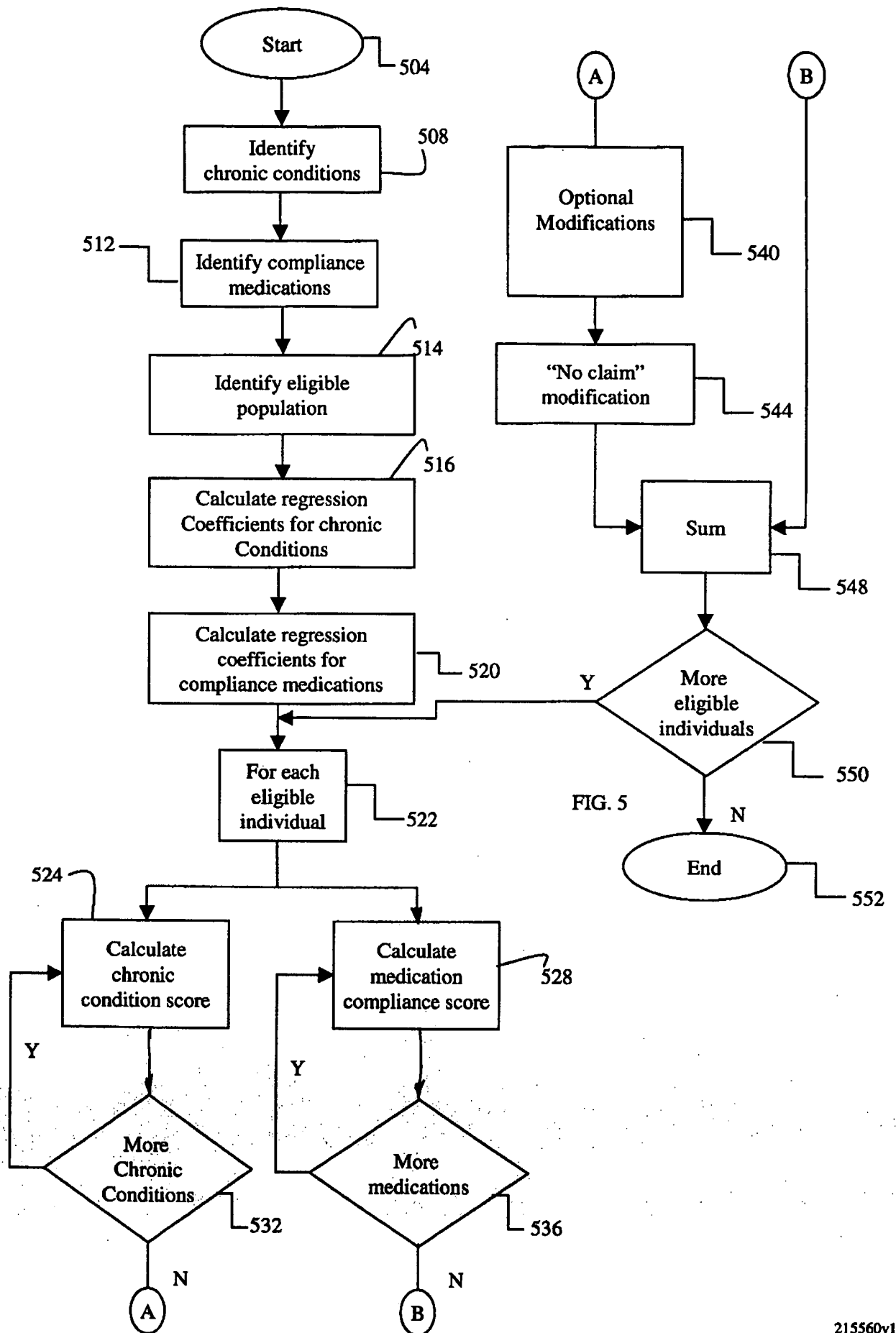


FIG. 5

| Category | Chronic Conditions | Weights |
|----------|--|----------|
| XA | Acid Peptic Disorders | 10.3039 |
| XB | Treatment for acne | 10.6623 |
| XC | Attention Deficit/Hyperactivity Disorder (under 18) | 13.9197 |
| XD | Advanced Liver Disease | 0.54999 |
| XE | AIDS | 31.9221 |
| XF | Allergic Rhinitis | 10.1509 |
| XG | Amyotrophic Lateral Schlerosis (Lou Gehrig's disease) | 29.0981 |
| XH | Alzheimer's Disease | 6.54956 |
| XI | Angina / Coronary Artery Disease) | 0.067019 |
| XJ | Anxiety Disorder / Panic Disorder / Social Phobia | 3.17593 |
| XK | Arrhythmia | 6.09765 |
| XL | Asthma (under 55) | 9.0274 |
| XM | Benign Prostatic Hyperplasia | 7.97429 |
| XN | Cancer (any type) | 10.8211 |
| XO | Congestive Heart Failure | 2.18044 |
| XP | Chronic Obstructive Pulmonary Disease (55+) | 3.57019 |
| XQ | Cystic Fibrosis | 5.16423 |
| XR | Depression | 10.3768 |
| XS | Diabetes Type I - Insulin dependent | 9.019 |
| XT | Diabetes Type II - Non-Insulin dependent | 7.29497 |
| XU | End Stage Renal Disease (ESRD) | 12.5402 |
| XV | Epilepsy | 6.93106 |
| XW | Gaucher's Disease | 83.2477 |
| XX | Glaucoma | 2.31705 |
| XY | Gout | 1.98149 |
| XZ | Growth Hormone Deficiency | 32.512 |
| XAA | Hepatitis B | 4.09929 |
| XBB | Hepatitis C | 33.2874 |
| XCC | High Cholesterol / Triglycerides | 10.7383 |
| XDD | Hypertension | 8.30913 |
| XEE | Hypothyroidism | 1.21422 |
| XFF | Inflammatory Bowel Disease | 8.56743 |
| XGG | Manic Depressive | 4.62228 |
| XHH | Migraine | 8.26695 |
| XLL | Multiple Sclerosis | 30.5853 |
| XMM | Organ Transplantation | 17.0153 |
| XNN | Menopause (Hormone Replacement Therapy) (45-59) | 7.26419 |
| XOO1 | Osteoporosis (Bone Resorption Suppression Agents) (60+) | 6.69366 |
| XOO2 | Osteoporosis (Estrogenic Agents) (60+) | 3.50463 |
| XPP | Parkinson's Disease | 8.11787 |
| XQQ | Peripheral Vascular Disease | 1.76236 |
| XRR | Psoriasis | 9.92265 |
| XSS | Psychotic Disorders / Dementia and no antidepressants (65+) | 4.5396 |
| XTT | Rheumatoid Arthritis | 10.5781 |
| XUU | Schizophrenia (under 65) | 13.8768 |
| XVV | Smoking Cessation | 3.40704 |
| XWW | Thromboembolytic Disease I (Platelet Aggregation Inhibitors) | 1.44029 |
| XKK | Thromboembolytic Disease II (Oral Anticoagulants, Coumarin Type) | 2.83761 |
| XYY | Tuberculosis | 5.049 |
| XZZ | Urinary Incontinence | 3.66661 |

FIG. 6

| Compliance Medication | Weights for log index | Weights for square root index |
|--------------------------------------|-----------------------|-------------------------------|
| Chronic Condition Score | 0.08036 | 0.65876 |
| NoClaim | -2.24249 | -5.42877 |
| Asthma medications | 0.00734 | 0.07566 |
| Asthma Controllers | 0.00246 | 0.0642 |
| Congestive Heart Failure medications | -0.00095396 | 0.00615 |
| Angiotension Converting Enzymes | 0.00183 | 0.00987 |
| Gastrointestinal medications | -0.00041974 | 0.04681 |
| Proton Pump Inhibitors | 0.0049 | 0.07727 |
| High Cholesterol medications | 0.00020414 | 0.01141 |
| Statins | 0.00339 | 0.04491 |
| Diabetes medications | -0.0001036 | 0.07623 |
| Diabetes Type 2 medications | 0.00285 | 0.06342 |
| Depression medications | 0.00358 | 0.07158 |
| Hypertension medications | 0.00811 | 0.04302 |

FIG. 7

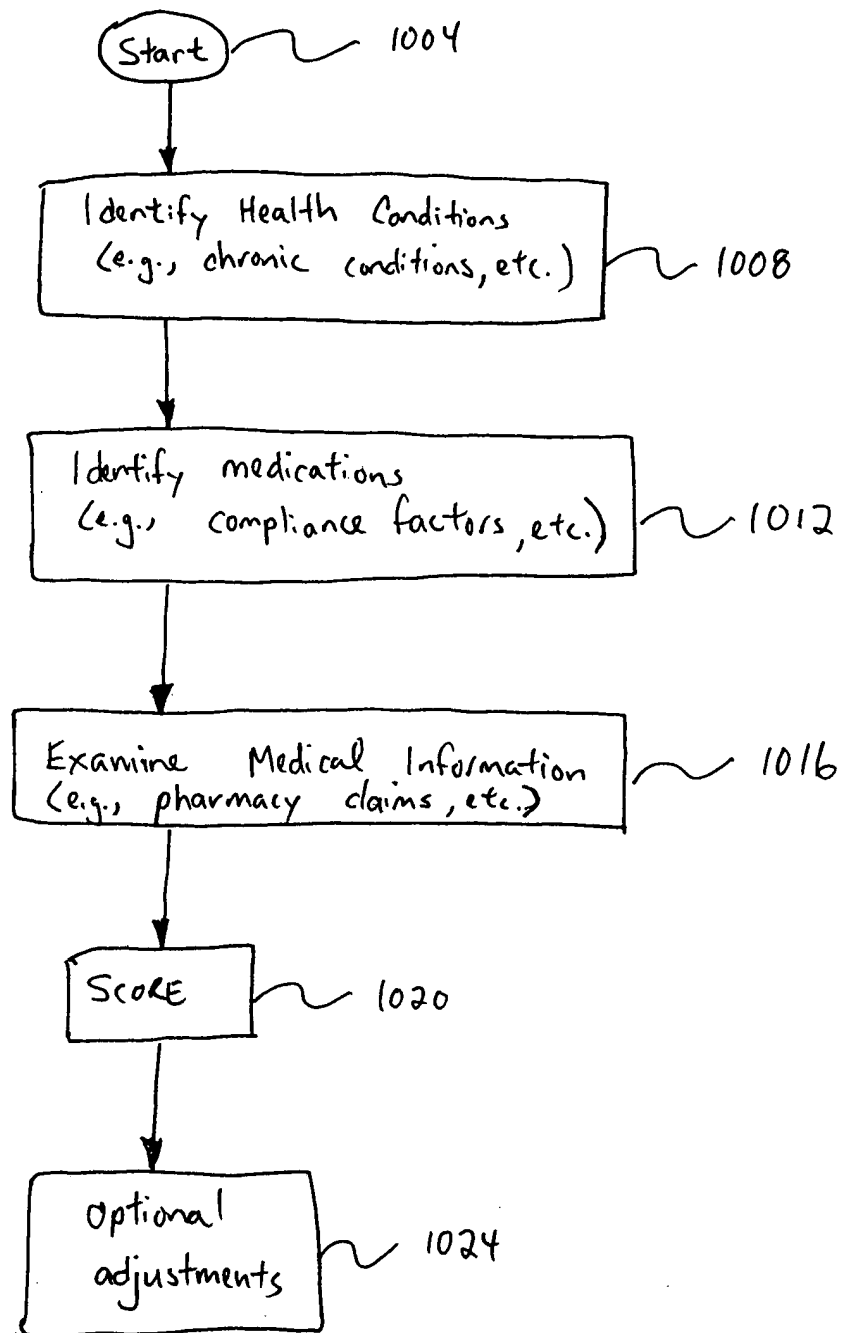


FIG. 8

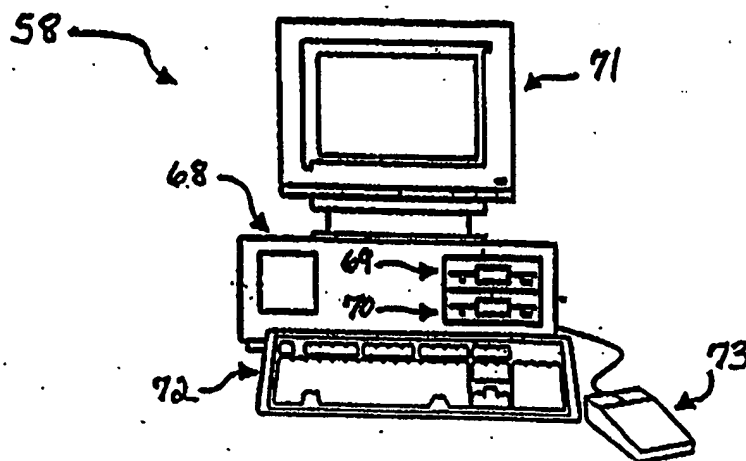


FIG. 9

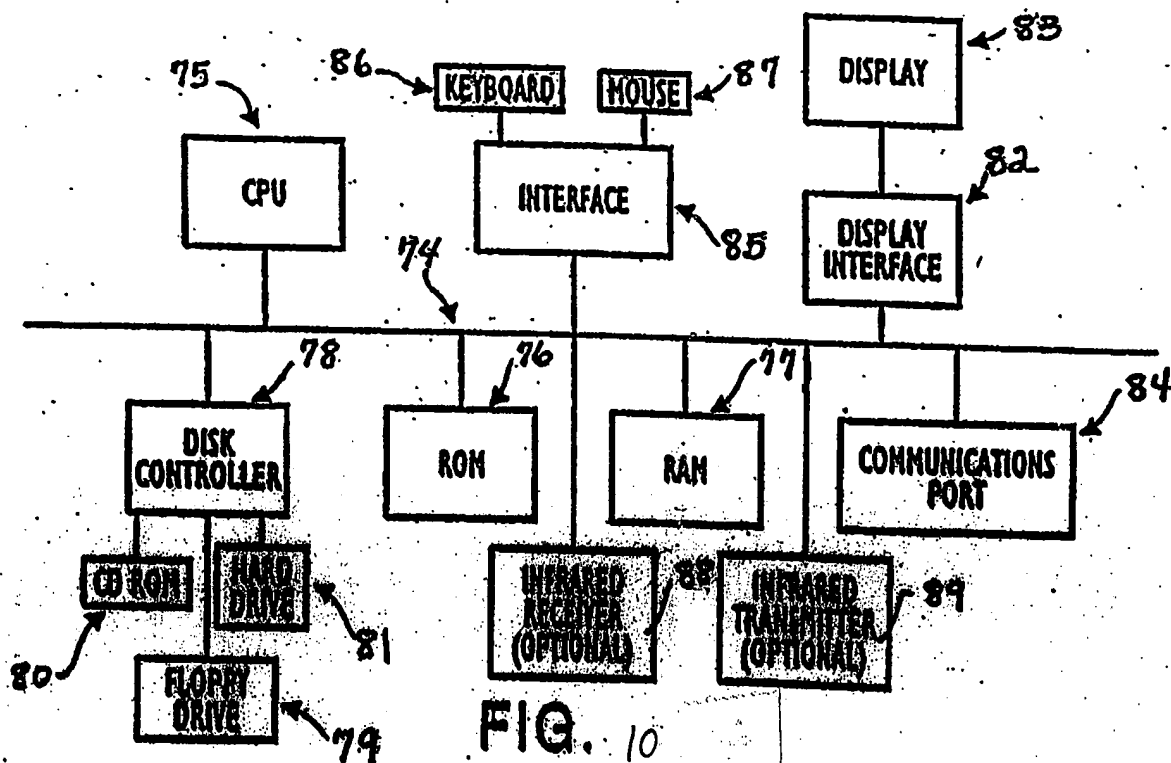


FIG. 10

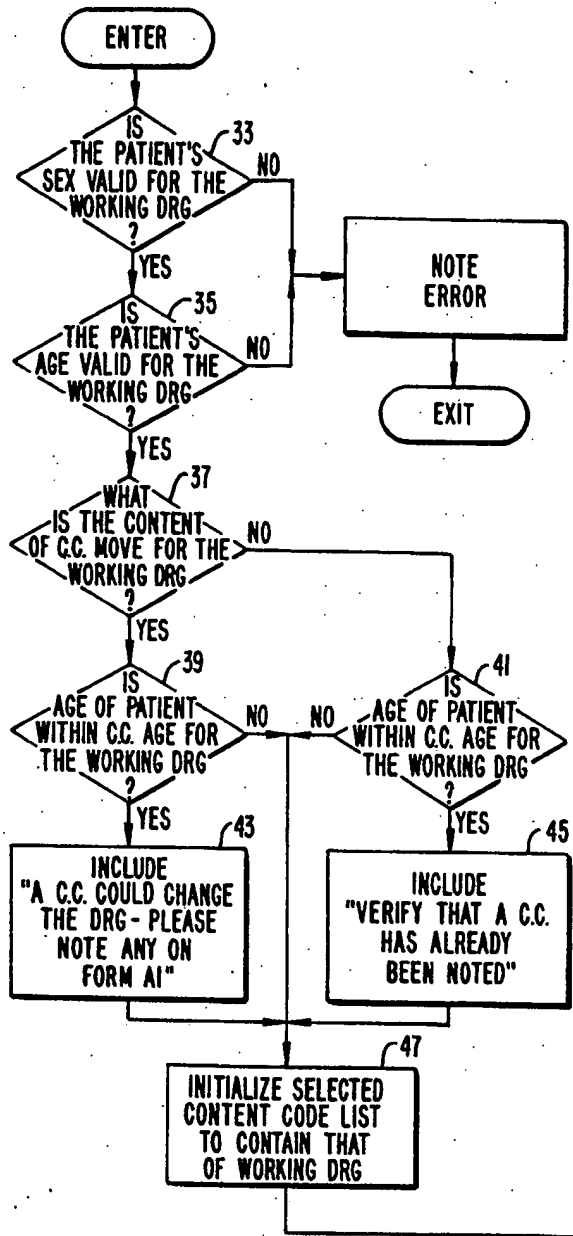


FIG. 11
(PRIOR ART)

